

29 ANSWER 22 OF 39 CA COPYRIGHT 2002 ACS
 N 120:219578 CA
 I Fire-resistant chlorine-containing polymer compositions
 N Iida, Yoshio; Nishimura, Masaru
 Asahi Denka Kogyo Kk, Japan
 O Jpn. Kokai Tokkyo Koho, 7 pp.
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T Patent
 A Japanese
 C ICM C08L027-04
 ICS C08K003-16; C08K003-24; C08K003-34; C08K005-19
 C 37-6 (Plastics Manufacture and Processing)

AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	JP 05287144	A2	19931102	JP 1992-93080	19920413
S	MARPAT 120:219578				
B	Title comps. with improved discoloration and heat resistance contain 0.01-20 phr zinc stannate and/or zinc hydroxystannate and 0.01-10 phr .gtoreq.1 compds. selected from HClO ₄ , its metal, ***ammonium***, and org. ***ammonium*** salts, HClO ₄ -treated hydrotalcites, and HClO ₄ -treated silicic acid salts. Thus, ***PVC*** 100, CaCO ₃ 100, DOP 50, epoxidized soybean oil, 2, LZ 2116 (perbasic Ba carboxylate) 0.8, Ba nonylphenate 0.2, Zn stearate 0.5, Ba(ClO ₄) ₂ 0.1, and ZnSnO ₃ 6 parts were roll kneaded and hot pressed to give a sheet showing limiting O index 26.2 and smoke d. (BS 6401) 151 Dm.				
T	***PVC*** zinc stannate fireproofing; smoke suppression ***PVC*** zinc stannate; discoloration resistance ***PVC*** zinc stannate; heat resistance ***PVC*** barium ***perchlorate***				
T	Heat ***stabilizers*** (***perchlorates***, for ***PVC***, with reduced smoke)				
T	Fireproofing agents (zinc stannate, for ***PVC***, with reduced smoke and heat and discoloration resistance)				
T	Discoloration prevention (agents, ***perchlorates***, for ***PVC***, with reduced smoke)				
T	Fireproofing agents (smoke inhibitors, zinc stannate, for ***PVC***, with good heat and discoloration resistance)				
T	7601-89-0, Sodium ***perchlorate*** 7601-90-3, ***Perchloric*** acid, uses 7778-74-7, Potassium ***perchlorate*** 10034-81-8, Magnesium ***perchlorate*** 13465-95-7, Barium ***perchlorate*** 85153-31-7 143710-48-9, Alcamizer V				
	RL: USES (Uses) (***PVC*** contg., zinc stannate and, with reduced smoke and good heat and discoloration resistance)				
T	***9002-86-2***, ***PVC*** RL: USES (Uses) (contg. zinc stannate and ***perchlorates***, with reduced smoke and good heat and fire resistance)				
T	12027-96-2 12036-37-2, Zinc stannate (ZnSnO ₃) RL: USES (Uses) (fireproofing agents, ***PVC*** contg. ***perchlorates*** and, with reduced smoke and heat and discoloration resistance)				
T	1343-88-0, Magnesium silicate RL: USES (Uses) (***perchloric*** acid-treated, ***PVC*** contg., zinc stannate and, with reduced smoke and heat and discoloration resistance)				

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